

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. 1819/100111	SERIAL NO. 09/692,923
	APPLICANT Francisco Hideki Imai and Roy Stephen Berns	
	FILING DATE October 20, 2000	GROUP ART UNIT To Be Assigned

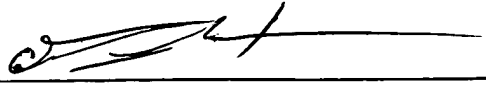
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
TO H	1	3,684,824	8/15/72	Koenig			
	2	3,714,875	2/6/73	Yost, Jr.			
	3	3,720,146	3/13/73	Yost, Jr.			
	4	3,758,707	9/11/73	Keller et al.			
	5	3,785,812	1/15/74	Matsumoto			
	6	3,796,826	3/12/74	Kerr			
	7	3,806,633	4/23/74	Coleman			
	8	3,922,714	11/25/75	Delavie			
	9	3,975,748	8/17/76	Green et al.			
	10	4,086,616	4/25/78	Catano et al.			
	11	4,134,683	1/16/79	Goetz et al.			
	12	4,215,273	7/29/80	Stokes et al.			
	13	4,220,701	9/2/80	Robillard			
	14	4,229,754	10/21/80	French			
TO H	15	4,282,527	8/4/81	Winderman et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED	
		1/21/2005	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

JAN 30 2001

Technology Center 2600

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO. 1819/100111	SERIAL NO. 09/692,923
	APPLICANT Francisco Hideki Imai and Roy Stephen Berns	
	FILING DATE October 20, 2000	GROUP ART UNIT To Be Assigned


U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
TJH	16	4,285,009	8/18/81	Klopsch			
	17	4,328,515	5/4/82	Wellendorf			
	18	4,393,399	7/12/83	Gast et al.			
	19	4,402,611	9/6/83	Yuasa			
	20	4,402,704	9/6/83	Raisin et al.			
	21	4,463,380	7/31/84	Hooks, Jr.			
	22	4,464,677	8/7/84	Kuhn et al.			
	23	4,476,487	10/9/84	Klie et al.			
	24	4,577,219	3/18/86	Klie et al.			
	25	4,596,930	6/24/86	Steil et al.			
	26	4,599,001	7/8/86	Richard			
	27	4,642,778	2/10/87	Hieftje et al.			
	28	4,648,057	3/3/87	Wagstaff et al.			
	29	4,709,144	11/24/87	Vincent			
TJH	30	4,758,075	7/19/88	Hatano			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED	
		1/21/2005	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

RECEIVED

JAN 30 2001

Technology Center 2600

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO.	SERIAL NO.
	1819/100111	09/692,923
	APPLICANT	
	Francisco Hideki Imai and Roy Stephen Bess	
FILING DATE		GROUP ART UNIT
October 20, 2000		To Be Assigned

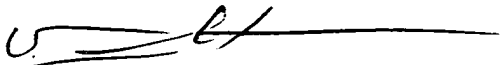
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
TOH	31	4,794,398	12/27/88	Raber et al.			
	32	4,866,454	9/12/89	Droessler et al.			
	33	4,806,750	2/21/89	Vincent			
	34	4,925,420	5/15/90	Fourche et al.			
	35	4,982,150	1/1/91	Silverstein et al.			
	36	5,067,158	11/19/91	Arjmand			
	37	5,072,109	12/10/91	Aguilera, Jr. et al.			
	38	5,068,597	11/26/91	Silverstein et al.			
	39	5,109,276	4/28/92	Nudelman et al.			
	40	5,149,972	9/22/92	Fay et al.			
	41	5,164,858	11/17/92	Aguilera, Jr. et al.			
	42	5,200,838	4/6/93	Nudelman et al.			
	43	5,248,977	9/28/93	Lee et al.			
	44	5,265,172	11/23/93	Markandey et al.			
TOH	45	5,289,295	2/22/94	Yumiba et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED	
		1/21/2005	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

RECEIVED
JAN 20 2001
Technology Center 2600

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO.	SERIAL NO.
	1819/100111	09/692,923
	APPLICANT	
	Francisco Hideki Imai and Roy Stephen Berns	
	FILING DATE	GROUP ART UNIT
	October 20, 2000	To Be Assigned

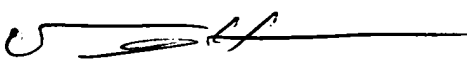
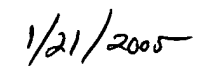
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
TJH	46	5,300,777	4/5/94	Goodwin			
	47	5,300,778	4/5/94	Norkus et al.			
	48	5,319,472	6/7/94	Hill et al.			
	49	5,371,542	12/6/94	Pauli et al.			
	50	5,400,169	3/21/95	Eden			
	51	5,420,704	5/30/95	Winkelman			
	52	5,479,255	12/26/95	Denny et al.			
	53	5,479,258	12/26/95	Hinnrichs et al.			
	54	5,513,128	4/30/96	Rao			
	55	5,535,314	7/9/96	Alves et al.			
	56	5,539,517	7/23/96	Cabib et al.			
	57	5,543,940	8/6/96	Sherman			
	58	5,568,186	10/22/96	Althouse			
	59	5,572,607	11/5/96	Behrends			
TJH	60	5,668,890	9/16/97	Winkelman			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER				DATE CONSIDERED	
					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO.	SERIAL NO.
	1819/100111	09/692,923
	APPLICANT	
	Francisco Hideki Imai and Ray Stephen Rogers	
	FILING DATE	GROUP ART UNIT
	October 20, 2000	To Be Assigned

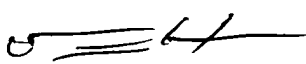
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
TJH	61	5,680,150	10/21/97	Shimizu et al.			
	62	5,724,135	3/3/98	Bernhardt			
	63	5,729,465	3/17/98	Barbaresco			
	64	5,731,621	3/24/98	Kosai			
	65	5,760,899	6/2/98	Eismann			
	66	5,781,336	7/14/98	Coon et al.			
	67	5,838,938	11/17/98	Morgan			
	68	5,850,418	12/15/98	Van De Kerkhof			
	69	5,864,364	1/26/99	Ohyama et al.			
	70	5,887,082	3/23/99	Mitsunaga et al.			
	71	5,889,554	3/30/99	Mutze			
	72	5,900,942	5/4/99	Spiering			
	73	5,915,036	6/22/99	Grunkin et al.			
	74	5,915,279	6/22/99	Cantrall et al.			
TJH	75	5,920,399	7/6/99	Sandison et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

----- OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED	
		1/21/2005	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

RECEIVED
 01/21/2001
 Technology Center 2600

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO.	SERIAL NO.
	1819/100111	09/692,923
	APPLICANT	
	Francisco Hideki Imai and Roy Stephen Berns	
	FILING DATE	GROUP ART UNIT
	October 20, 2000	To Be Assigned

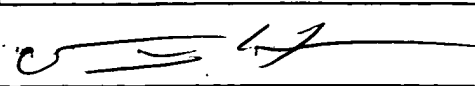
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
TS4	76	5,923,049	7/13/99	Böhm et al.			
	77	5,926,282	7/20/99	Knobloch et al.			
	78	5,926,283	7/20/99	Hopkins			
TS4	79	5,929,985	7/27/99	Sandison et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRAN- SLATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

TS4	80	Ohta, "Colorimetric Analysis in the Design of Color Films: A Perspective," <u>Journal of Imaging Science and Technology</u> , 36:63-72 (1992).
	81	Saunders et al., "Image Processing at the National Gallery: The VASARI Project," National Gallery Technical Bulletin, 14:72-85(1993).
	82	Hunt, "Objectives in Colour Reproduction," <u>The Reproduction of Colour</u> , 5 th ed., England:Fountain Press, Chapter 11, pp. 222-242 (1995).
	83	Burns, "Analysis of Image Noise in Multispectral Color Acquisition," Ph.D. Dissertation, Rochester Institute of Technology, pp. 1-178 (1997).
	84	Overheads used in presentation of "Multi-Spectral-Based Color Reproduction Research" at the Munsell Color Science Laboratory, Rochester Institute of Technology, Rochester, New York (1998). Not Distributed.
	85	Overheads used in presentation of "High-Resolution Multi-Spectral-Based Archives-A Hybrid Approach" at the Munsell Color Science Laboratory, Rochester Institute of Technology, Rochester, New York (1998). Not Distributed.
TS4	86	König et al., "The Practice of Multispectral Image Acquisition," <u>International Symposium on Electronic Capture and Publishing, Proc. SPIE</u> , 3409:34-41 (1998).
EXAMINER		DATE CONSIDERED
		1/21/2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO.	SERIAL NO.
	1819/100111	09/692,923
	APPLICANT	
	Francisco Hideki Imai and Roy Stephen Hargraves	
	FILING DATE	GROUP ART UNIT
	October 20, 2000	To Be Assigned

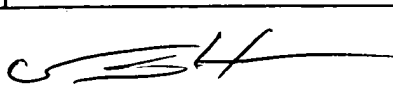
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

TH ↓ TH	87	Berns et al., "Multi-spectral-based color reproduction research at the Munsell Color Science Laboratory," <u>Proceedings of SPIE</u> , 3409:14-25 (1998).
	88	Imai et al., "High-Resolution Multi-Spectral Image Archives: A Hybrid Approach," <u>Final Program and Proceedings of IS & T/SID</u> , pp. 224-227 (1998).
	89	Imai et al., "Spectral Estimation Using Trichromatic Digital Cameras," <u>International Symposium on Multispectral Imaging And Color Reproduction for Digital Archives</u> , pp. 42-49 (1999).
	90	Imai et al., "A Comparative Analysis of Spectral Reflectance Reconstruction in Various Spaces Using a Trichromatic Camera System," <u>Final Program and Proceedings of IS&T and SID</u> , pp. 21-25 (1999).
	91	Imai et al., "A Comparative Analysis of Spectral Reflectance Estimated in Various Spaces Using a Trichromatic Camera System," <u>Journal of Imaging Science and Technology</u> , 44:280-287 (2000).
EXAMINER		DATE CONSIDERED
		1/21/2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

RECEIVED
 JAN 9 2001
 Technology Center 2600